

What is claimed is:

1. A therapeutic ultrasound system, comprising:

an ultrasonic transducer for irradiating a therapeutic ultrasound on a region to be treated;

setting-up means for setting up an insonation time of said therapeutic ultrasound; and

bubble detecting means for detecting a bubble caused in a region exposed with said therapeutic ultrasound during exposure of said therapeutic ultrasound,

wherein said setting-up means has a function of setting up a time from detection of the bubble by said bubble detecting means to the end of the exposure of said therapeutic ultrasound.

2. The therapeutic ultrasound system according to claim 1,

wherein said bubble detecting means has means for detecting an acoustic wave having a frequency twice a center frequency of said therapeutic ultrasound transmitted from said ultrasonic transducer.

3. The therapeutic ultrasound system according to claim 2, further comprising:

means for generating an alarm when received signal intensity of harmonics of said therapeutic ultrasound reaches a set value or more.

4. A therapeutic ultrasound system, comprising:

an ultrasonic transducer for irradiating a therapeutic ultrasound on a region to be treated; and

means for detecting an audible sound generated in a region exposed with said therapeutic ultrasound during exposure of said therapeutic ultrasound.

5. The therapeutic ultrasound system according to claim 4,

wherein a function of setting up a time from detection of said audible sound to the end of the exposure of said therapeutic ultrasound is provided.